

## **ABSTRACT**

This invention is about an illuminable electronic ice cube. It comprises outer casing, inner unit, LED, circuit board, battery, bottom lid, and battery cover lid. The outer casing is made into a natural ice cube shape with ripple-shaped sides. The inner unit is fitted in the outer casing, It comprises a base, a raised support, an illuminable light cylinder. The light cylinder is fixed on the raised support. There is a chamber in the inner unit. It runs through the base the raised support and the light cylinder. The LED is fitted in the light cylinder. The circuit board is under the LED inside the light chamber, the battery is under the circuit board inside the light chamber; The bottom lid is at the bottom of the outer casing, it has a push-button switch and a hole matching the battery cover lid. When the battery runs out, turn the battery cover lid to separate it from the bottom lid, and a new battery can be installed. This invention can be used as a replacement of the natural ice cube, and with replaceable battery it saves energy and has more decorative effect.

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